



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

US EPA RECORDS CENTER REGION 5

959633

564515

REPLY TO THE ATTENTION OF:

March 14, 2000

non-responsive

West Chicago, IL 60185

Dear Mr. **non-responsive**:

As part of its investigation to identify properties in the West Chicago, Illinois, area that may be contaminated with radioactive thorium mill tailings from the Kerr-McGee West Chicago Rare Earths Facility, the United States Environmental Protection Agency (EPA) has tested your property (a vacant lot) located on Oak Avenue in West Chicago, Illinois, parcel ID# 0403328017.

For purposes of determining which properties in the West Chicago area require cleanup, EPA has established a cleanup criterion of 5 picoCuries per gram (pCi/g) above background for total radium in soil. Background has been established at 2.2 pCi/g. Therefore, properties exceeding 7.2 pCi/g total radium in soil require cleanup.

The EPA testing of your property was conducted on October 22, 1999, and consisted of the following:

- an outdoor radiological walkover survey of the property.

Based on EPA's testing, no areas of your property were found to exceed EPA's cleanup criterion. Therefore, no cleanup of your property is required.

Thank you very much for your cooperation and patience during EPA's investigation of your property. Please feel free to contact me at (312) 886-4760 if you have any further questions.

Sincerely,

Rebecca Frey
Remedial Project Manager/On-Scene-Coordinator
Superfund Division

bcc: Jeff Keiser, CH2M Hill
Tim Runyon, IDNS
Dan White, Kerr-McGee

Summary of Sample Collection by Parcel

07-Mar-00

0403328017

Analysis	Sample Id	Location	Depth	Duplicate	Collection Date	Dose Measurement	Easting	Northing
GP	030779	NA	NA	01	10/22/99			

GP: Gamma Walkover Survey

M1: In Situ Gamma Spectroscopy

Radiological Soil Samples

IC: Composite Soil Sample

IG: Discrete (uncomposited) Soil Sample

IM: Composite Soil Sample Packed in Marinelli in the Field

Metal Soil Samples

CC: Composite Soil Sample

CG: Discrete (uncomposited) Soil Sample

WL: Indoor Gamma Wall Scan

FL: Indoor Gamma Floor Scan

BI: Indoor Dose Measurement

RP: Indoor Radon/Thoron Gas Measurement

SG: Supplementary Gamma Measurement

Consent for Access to Property

A

OWNER NAME AND MAILING ADDRESS:

(Make any necessary corrections at right.)

non-responsive

West Chicago, IL

B

AGREEMENT. I consent to officers, employees, and authorized representatives of the U.S. Environmental Protection Agency (EPA) entering and having access to my property listed below (in Section C) for purposes of:

1. Conducting above-ground radiation surveys using hand-held instruments;
2. Collecting shallow (less than 1 ft below ground surface) soil samples, if needed;
3. If determined to be necessary by EPA, performing indoor radiation surveys in the basement/ crawlspace using hand-held instruments, with possible installation of an air monitoring device;
4. If contamination above EPA's criteria is found, excavating and removing affected soils, followed by restoration of the property; and
5. Performing verification sampling activities during and after excavation.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. I understand that the EPA or authorized representatives of the EPA will attempt to contact me one week in advance before conducting any survey work. I understand that if cleanup of my property is required, the EPA authorized representative conducting the cleanups will meet with me to discuss the entire cleanup process with me (including how my property will be restored) prior to the removal of any soil from my property. I understand that if soil samples are collected or cleanup of my property is required that the property will be restored, to the extent practicable, to its original condition or such other condition as arranged by me with EPA's authorized representative.

This agreement is for radiation surveys and sampling to be performed during EPA's investigation activities and any required cleanup and verification activities. I hereby grant access to my property for these purposes, and certify that I am the owner of the property whose address is shown in Section C below:

non-responsive

8/31/99
Date

non-responsive

Evening Phone

C

INFORMATION ON PROPERTY TO BE SURVEYED BY EPA. (Make any necessary corrections at right.)

Parcel ID: non-responsive 017

non-responsive

Property Address:

non-responsive

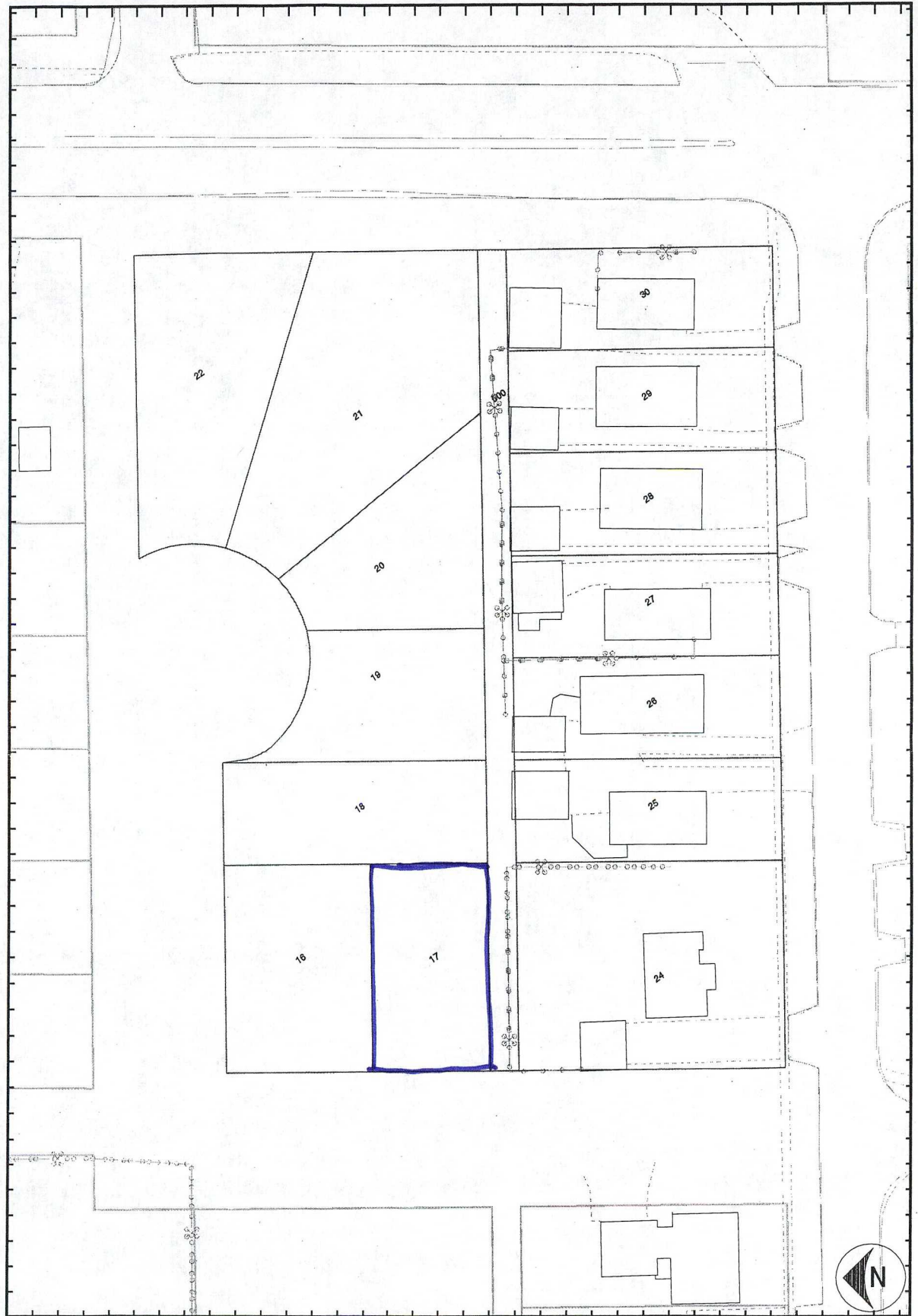
D

OTHER INFORMATION

If you (as property owner) do not live at the property listed in Section C above, please provide name of current resident: _____

EPA may need to conduct some survey work on weekends.

If you do NOT want your property surveyed on a weekend, check this box: ☐



Kerr-McGee Residential Properties RI/FS
West Chicago, Illinois

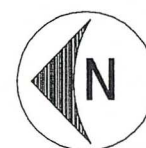
0 50 ft

Block #403328
Map/Block: 403328

BARCODE LABEL

2

1



Kerr-McGee Residential Properties RI/FS
West Chicago, Illinois

0 20 ft

GPS GAMMA SURVEY:
Parcel #403328017
Sample #030779

Activity Isoline Units in 1000 Gamma Counts/Min. (K CPM)
Potential Remediation Area

0 sq.yds. in property
0 sq.yds. in property

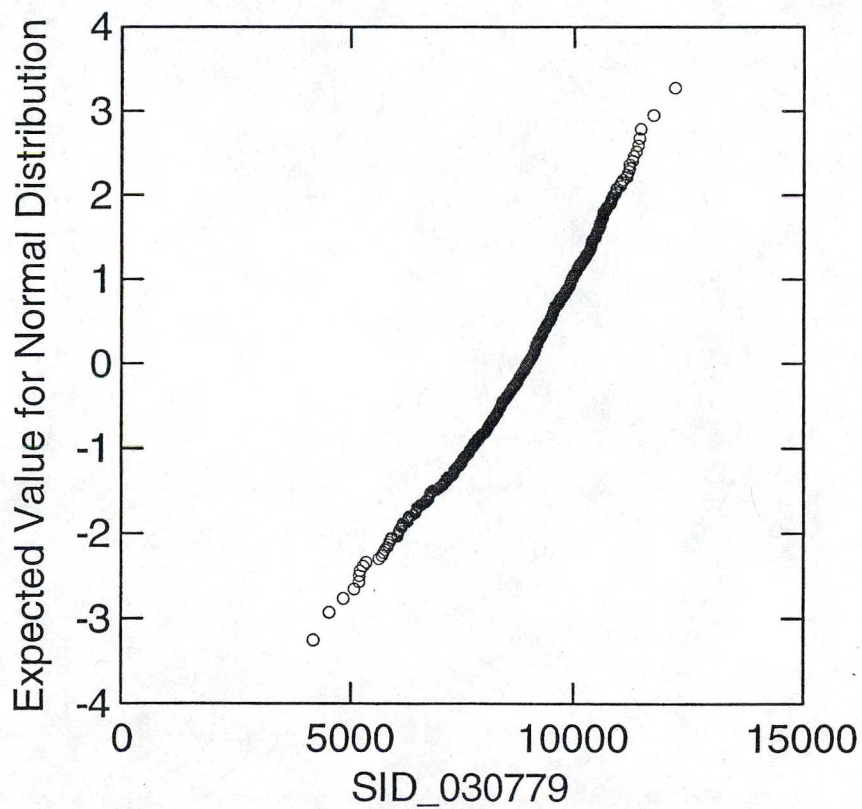
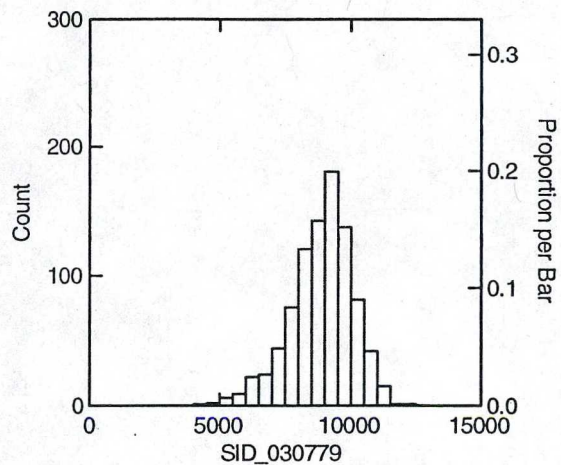
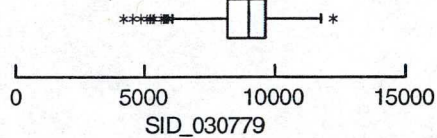
Supplemental Data

● Potential Remediation Area
○ No Remediation

TOTAL SURVEY AREA: 0.133 Acres

① M1 Sample Location (5 Meter Radius)
+ GPS/Gamma Survey Point





Gamma Radiation Measurements (cpm)
Gamma Walkover Survey
Parcel ID: 403328017